

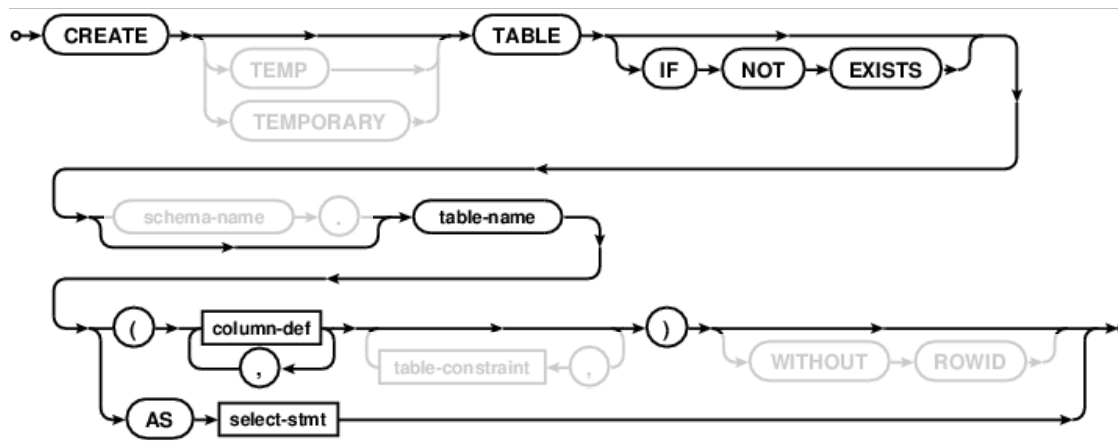
Databases

Announcements

Create Table and Drop Table

Create Table

CREATE TABLE expression syntax:



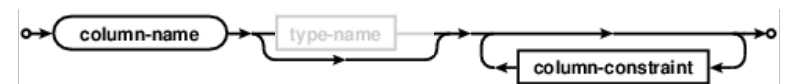
Examples:

CREATE TABLE numbers (n, note);

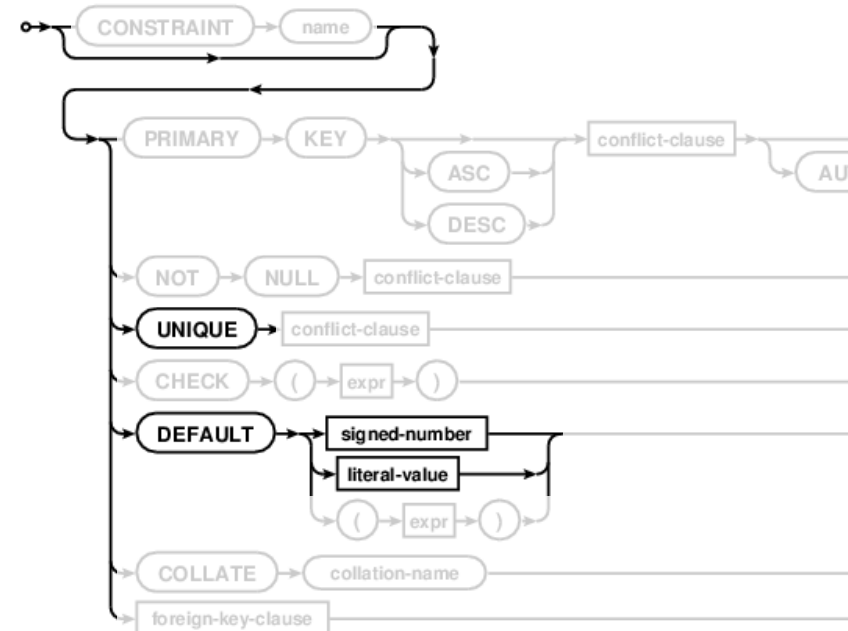
CREATE TABLE numbers (n **UNIQUE**, note);

CREATE TABLE numbers (n, note **DEFAULT** "No comment");

column-def:



column-constraint:

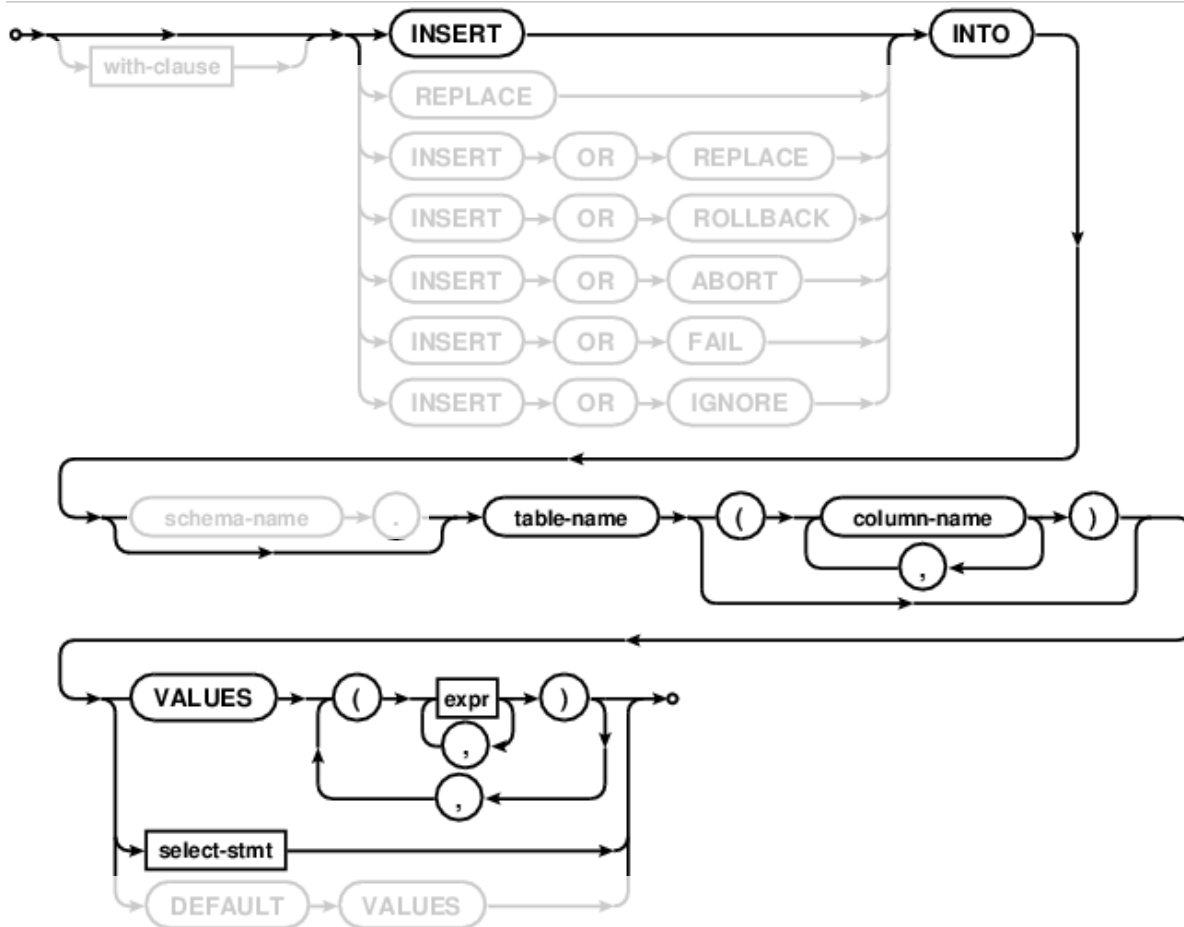


Drop Table



Modifying Tables

Insert



For a table t with two columns...

To insert into one column:

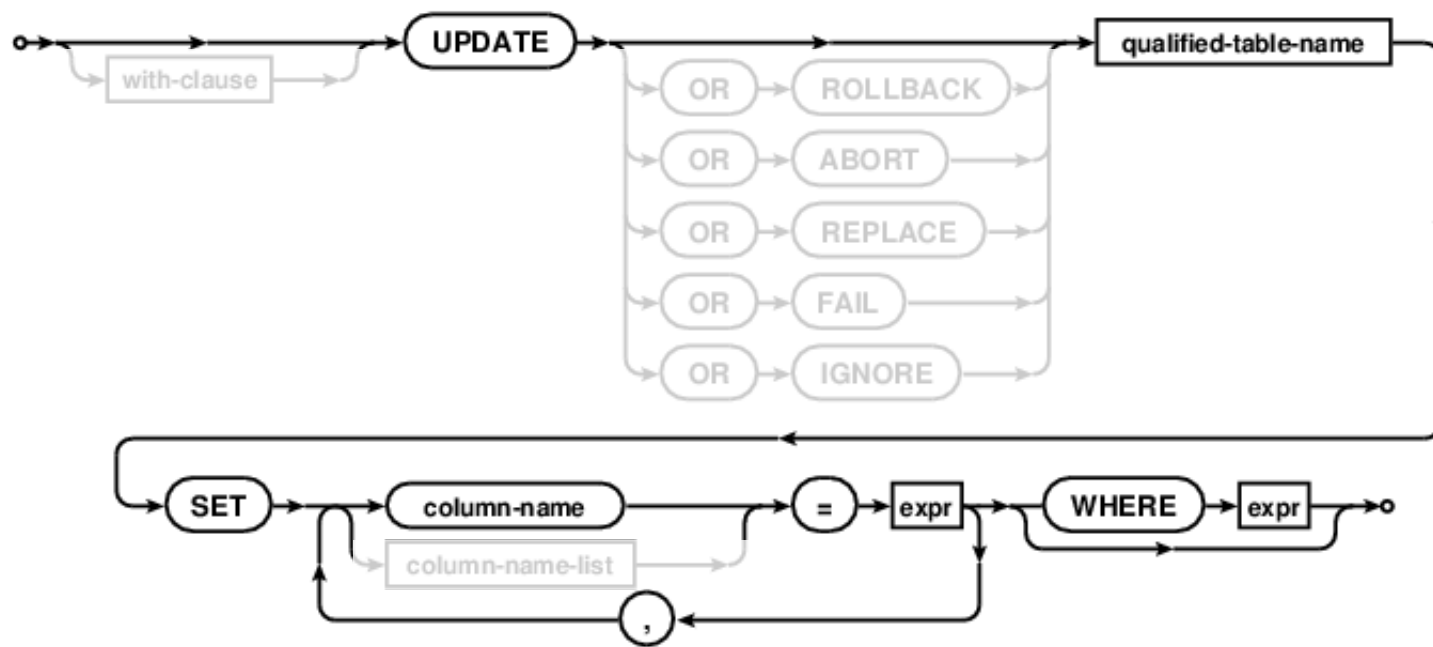
INSERT INTO t(column) VALUES (value);

To insert into both columns:

INSERT INTO t VALUES (value0, value1);

(Demo)

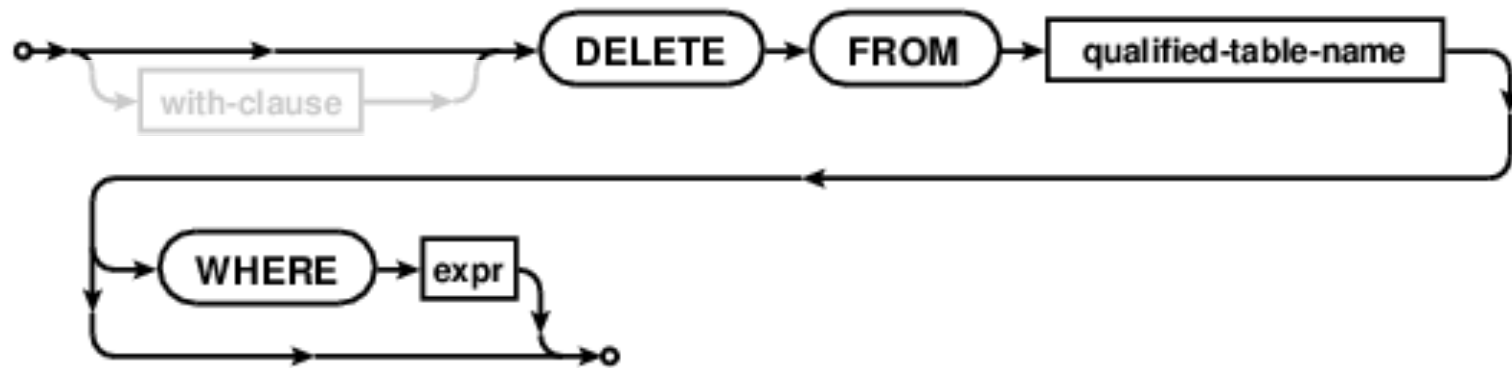
Update



Update sets all entries in certain columns **to new values**, just for some subset of rows.

(Demo)

Delete



Delete removes some or all rows from a table.

(Demo)

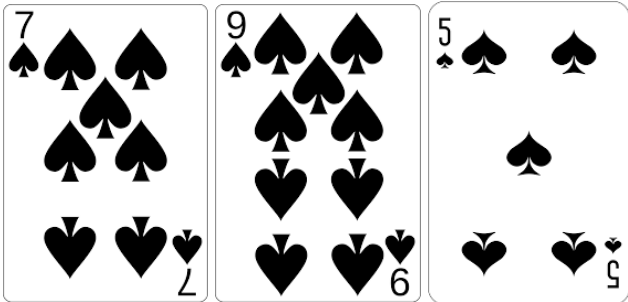
Python and SQL

(Demo)

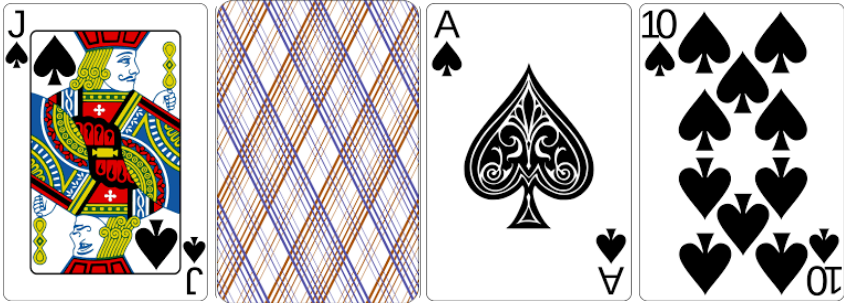
Database Connections

Casino Blackjack

Player:



Dealer:



(Demo)